

Art Unit: 1631

CLAIMPTO

WNP

02/22/2005

32. (Previously Presented) A culture medium for the specific identification and/or differentiation of *Candida albicans* and *Candida tropicalis* yeast, comprising a chromogenic or fluorogenic substrate that can be hydrolyzed by an enzyme of the hexosaminidase family and an acetamide that selectively inhibits the hexosaminidase activity of *C. tropicalis*.

33. (Previously Presented) The medium according to claim 32, further comprising an activator specific for the hexosaminidase enzyme of *C. albicans*.

34. (Previously Presented) The medium according to claim 33, wherein the activator is N-acetylglucosamine.

35. (Previously Presented) The medium according to claim 32, further comprising formamide.

Art Unit: 1631

52. (New) The medium according to claim 32, wherein the medium is gelled and comprises, per liter:

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|---|-----------------------------------|
| - peptones or a mixture of peptones | 0.01-40 g |
| - yeast extract | 0.01-40 g |
| - glucose (source of carbon) | 0-10 g |
| - phosphate buffer (pH between 5 and 8.5) | 2.5-100 mM |
| - 5-bromo-4-chloro-3-indolyl-N-acetyl- | |
| - β -D-glucosaminide | $20-600 \times 10^{-6} \text{ M}$ |
| - acetamide | 0.01-20 g |
| - bacterial inhibitor | 0-20 g |
| - agar | 11-20 g |

37. (Currently Amended) The medium according to claim 3652, further comprising N-acetylglucosamine at a concentration of 1.0 g/l.

38. (Currently Amended) The medium according to claim 3652, further comprising formamide at a concentration of 0.5 g/l.

39. (Previously Presented) Microbiological analysis process for detecting and selectively identifying certain species of *Candida* yeast, comprising:

- placing a sample in direct contact with a culture medium comprising two substrates, a first chromogenic or fluorogenic substrate that can be hydrolyzed by an enzyme from the hexosaminidase family, and a second chromogenic or fluorogenic substrate that can be hydrolyzed by an enzyme from the glucosidase family;

Art Unit: 1631

- allowing time for colorations to appear in the medium; and
- identifying, on the basis of the differences in coloration, *C. albicans* species from *C. guilliermondii*, *C. kefyr*, *C. lusitaniae* and/or *C. tropicalis* species, *C. albicans* species from other *Candida* species, and/or *C. guilliermondii*, *C. kefyr*, *C. lusitaniae* and/or *C. tropicalis* species from other *Candida* species.

40. (Previously Presented) The process according to claim 39, wherein said culture medium further comprises a hexosaminidase activator and/or a hexosaminidase inhibitor.

41. (Previously Presented) The process according to claim 40, wherein a waiting period of at least 18 hours is allowed.

42. (Previously Presented) The process according to claim 41, wherein a waiting period of between 18 and 30 hours is allowed.

43. (Previously Presented) The process according to claim 42, wherein a waiting period of 24 hours is allowed.

44. (Previously Presented) The process according to claim 39, wherein a waiting period of at least 36 hours is allowed when the medium contains no hexosaminidase activator or hexosaminidase inhibitor.

45. (Previously Presented) The process according to claim 44, wherein a waiting period of between 36 and 60 hours is allowed.

46. (Previously Presented) The process according to claim 45, wherein a waiting period of 48 hours is allowed.

47. (Previously Presented) The process according to claim 39, said process comprising identifying *C. albicans* species from *C. guilliermondii*, *C. kefyr*, *C. lusitaniae* and/or *C. tropicalis* species.

48. (Previously Presented) The process according to claim 39, said process comprising identifying *C. albicans*, *C. guilliermondii*, *C. kefyr*, *C. lusitanae* and/or *C. tropicalis* species from other *Candida* species.

49. (Previously Presented) The process according to claim 40, said culture medium comprising a hexosaminidase inhibitor that is an acetamide.

50. (Previously Presented) The process according to claim 49, said culture medium further comprising formamide.

51. (Previously Presented) The process according to claim 40, said culture medium comprising a hexosaminidase activator that is N-acetylglucosamine.